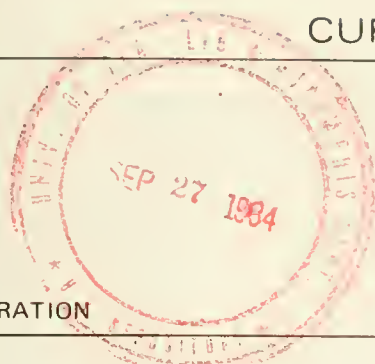




U.S. Department of Commerce
BUREAU OF THE CENSUS
INTERNATIONAL TRADE ADMINISTRATION



Copper Controlled Materials

SECOND QUARTER 1984

ITA9008(84)-2
Issued September 1984

The statistics in this publication are based on a survey of all known producers of brass mill products, copper-based powder products, and a 95 percent sample of producers of wire mill products. The figures represent total U.S. shipments of copper-base and foundry products.

A description of the survey methodology and related information may be found in the first quarter report, ITA9008(84)-1, issued July 1984.

Table 1. SUMMARY OF SHIPMENTS OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1978 TO 1984

(Millions of pounds--metal weight)

Quarter and year	Total	Brass mill products		Copper wire mill products ¹			Brass and bronze foundry products ³	Copper-base powder mill product ⁴
		Alloyed	Unalloyed	Bare wire ²	Insulated communication wire	Other insulated wire		
1984								
Second quarter.....	(NA)	459	273	77	124	454	(NA)	(X)
First quarter.....	1,581	455	280	75	138	512	121	(X)
1983, total.....	4,855	1,245	871	236	509	1,540	422	32
1982, total.....	4,846	1,247	767	267	594	1,532	456	34
1981, total.....	5,987	1,695	927	328	755	1,764	581	47
1980, total.....	5,786	1,508	959	293	797	1,693	592	47
1979, total.....	6,707	1,869	1,107	236	846	1,966	792	66
1978, total.....	6,266	1,750	962	238	806	1,867	743	63

Note: Detail may not add to totals due to independent rounding.

(NA) Not available. (X) Not applicable.

¹Represents copper content weight, rather than metal weight.

²Represents uninsulated, bare, tinned, and/or alloy coated wire.

³Source: Bureau of the Census, Current Industrial Report M33E, Nonferrous Castings.

⁴Beginning with the first quarter 1984 copper-base powder mill products will no longer be collected.

Table 2. SHIPMENTS OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1984 AND 1983

(Millions of pounds--metal weight)

Product description	Second quarter 1984	First quarter 1984	Second quarter 1983
Total shipments.....	(NA)	1,581	(NA)
Copper-base mill products.....	732	735	(NA)
Copper-base alloy:			
Sheet and strip ¹	196	179	(NA)
Rod, bar, and wire.....	240	249	(NA)
Tube and pipe.....	23	27	(NA)
Unalloyed copper:			
Sheet and strip.....	54	56	(NA)
Rod, bar, and wire ²	35	41	(NA)
Tube and pipe.....	184	183	(NA)
Copper wire mill products ³	655	725	(NA)
Bare wire ⁴	77	75	(NA)
Insulated communication wire.....	124	138	(NA)
Other insulated wire.....	454	512	(NA)
Brass and bronze foundry products ⁵	(NA)	121	(NA)

Note: Detail may not add to totals due to independent rounding.

(NA) Not available.

¹ Military ammunition cups and discs are included on a net-weight basis, i.e., excluding the weight of the webbing scrap generated in the cupping and discing.² Does not include electrical wire.³ Reported in copper content weight rather than metal weight.⁴ Represents uninsulated, bare, tinned, and/or alloy coated wire.⁵ Source: Bureau of the Census, Current Industrial Report M33E, Nonferrous Castings.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1984

(Quantity in millions of pounds; value in thousands of dollars)

Product description ¹	Manufacturers' shipments	Exports of domestic merchandise ^{1 2}			Percent exports to manufacturers' shipments (quantity)	Imports for consumption ^{1 4}		Apparent consumption ⁶	Percent imports to apparent consumption (quantity)
		Quantity	Value at port	Estimated producers' value ³		Quantity	Value ⁵		
SECOND QUARTER 1984									
Copper-base mill products ⁷	809	26	48,819	47,506	3	141	146,698	924	15
Brass mill products:									
Copper-base alloy:									
Sheet and strip.....	196	3	11,704	11,389	2	70	66,259	499	14
Rod, bar, and wire.....	240	4	5,510	5,362	2				
Tube and pipe.....	23	2	4,368	4,251	9				
Unalloyed copper:									
Sheet and strip.....	54	2	1,699	1,653	4	22	22,112	102	22
Rod, bar, and wire.....	35	7	5,968	5,807	20				
Tube and pipe.....	184	2	3,812	3,709	1				
Copper wire mill products, bare wire.....	77	6	15,758	15,334	8	12	12,691	83	14
FIRST QUARTER 1984									
Copper-base mill products ⁷	810	27	48,170	46,874	3	136	144,346	919	15
Brass mill products:									
Copper-base alloy:									
Sheet and strip.....	179	3	12,073	11,748	2	65	63,932	485	13
Rod, bar, and wire.....	249	5	6,658	6,479	2				
Tube and pipe.....	27	3	4,794	4,665	11				
Unalloyed copper:									
Sheet and strip.....	56	3	2,976	2,896	5	23	23,858	112	21
Rod, bar, and wire.....	41	5	3,534	3,439	12				
Tube and pipe.....	183	2	3,040	2,958	1				
Copper wire mill products, bare wire.....	75	6	15,095	14,689	8	11	11,897	80	14

¹ For comparison of domestic manufacturers' shipment, export numbers, and import numbers for copper-base mill and foundry products, see table 4 in the first quarter 1984 report, ITA9008(84)-1, issued July 1984.

² Source: Bureau of the Census report EM 546, U.S. Exports.

³ These values were derived by use of adjustment factors to exclude freight, insurance, and other charges incurred in moving goods to the port of export. This adjustment is made to convert the values to an approximation of the producers' value of exported goods. Current adjustment factors (0.9731 for industry group 335 relating to brass mill and copper wire mill products and 1.0 for industry group 339 relating to copper-base powder mill products) are based on data for 1981 which are published in *Origin of Exports of Manufactured Products*, M81(AS)-5, appendix B.

⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁵ Represents the c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States plus U.S. import duties.

⁶ Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.

⁷ This total does not include either insulated wire and cable or brass and bronze foundry products.

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